

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Atty. Docket No.: 004770.00023

Ye WANG et al.

Serial No.: 09/966,482

Group Art Unit: 2655

Filed: September 28, 2001

Examiner: Michael N. Opsasnick

For: System and Method for Compressed Domain Beat Detection in Audio Bitstreams

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(b)**

U.S. Patent and Trademark Office  
220 20th Street S., Customer Window  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

Pursuant to their duty of good faith and candor as set forth in 37 C.F.R. §§ 1.56(a), 1.97 and 1.98 *et seq.*, Applicants submit herewith the attached Form PTO/SB/08A. Applicants have submitted each of the references cited on the attached Form PTO/SB/08A with this paper (except patent publications). Applicants respectfully request that the Examiner consider and enter all the documents cited on the enclosed Form PTO/SB/08A into the file of the above-identified application. Applicants also request an indication of the same by return of the Form PTO/SB/08A being initialed and dated by the Examiner.

No fees are believed due to ensure consideration of the attached documents by the Examiner. However, if any fees are required or an overpayment of fees made, the Commissioner is hereby authorized to debit or credit our Deposit Account No. 19-0733, as necessary.

Respectfully submitted,

Date: November 12, 2004

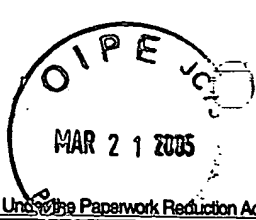
By:

  
H. Wayne Porter  
Registration No. 42,084

BANNER & WITCOFF, LTD.  
1001 G Street, N.W., 11<sup>th</sup> Floor  
Washington, D.C. 20001  
(202) 824-3000  
(202) 824-3001 (fax)

Attachments:

Form PTO/SB/08A  
References Cited on Form PTO/SB/08A



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449 PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete If Known**

Application Number	09/966,482
Filing Date	September 28, 2001
First Named Inventor	Ye WANG et al.
Group Art Unit	2655
Examiner Name	Michael N. Opsasnick
Attorney Docket Number	004770.00023

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US- 5,040,217	08-1991	Brandenburg et al.	
		US- 5,285,488	02-1994	Johnston	
		US- 5,481,814	01-1998	Johnston	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Davis Pan, "A Tutorial on MPEG/Audio Compression," IEEE Multimedia, pp. 60-74, (Summer 1995).	
		A Free Audio Compression Format?, <a href="http://www.sulaco.org/mp3/free.html">http://www.sulaco.org/mp3/free.html</a> .9/24/2001.	
		Yajnik, M. et al., "Packet Loss Correlation in the Mbone Multicast Network", Proc. IEEE Global Internet Conference, Nov. 1996.	
		Jayant, N.S., et al., "Effects of Packet Losses in Waveform Coded Speech and Improvements due to an Odd-Even Sample Interpolation Procedure", IEEE Trans. Commun., vol. COM-29, no. 2, Feb. 1981, pp. 101-109	
		Carle, G., et al., "Survey of Error Recovery Techniques for IP-Based Audio-Visual Multicast Applications", IEEE Network, Nov/Dec 1997.	
		Herre, J. et al., "Extending the MPEG-4AAC Codec by Perceptual Noise Substitution, 104 <sup>th</sup> AES Convention, Amsterdam 1998, preprint 4720	

Examiner  
SignatureDate  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1460, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1450